

AMENDMENTS TO THE ABSTRACT

Please substitute the following paragraph(s) for the abstract now appearing in the currently filed specification:

A radar wherein a first threshold value (~~TH1~~) is determined in accordance with the intensity of background noise; second threshold values (~~TH21~~), (~~TH22~~), (~~TH23~~) ~~each~~ are set in a fixed frequency area around ~~in the vicinity of the peak position in each~~ base portions of peaks (~~P1~~), (~~P2~~), and (~~P3~~) in the frequency spectrum; the higher one ~~in~~ of these second threshold values is adopted as a decisive threshold value in each FFT bin; and a peak exceeding ~~the~~ this threshold value is considered as a target peak and detected. Thus, the target peak caused by the reflected wave from a target included in the frequency spectrum of a beat signal is surely detected and detection accuracy of the target is increased.